

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of :  
Toshiyuki MATSUMURA et al. : **Mail Stop: PCT**  
Serial No. NEW : Attorney Docket No. 2006-1653A  
Filed September 27, 2006 :

**SPEAKER DEVICE**  
**[Corresponding to PCT/JP2005/006613**  
**Filed April 4, 2005]**

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

THE COMMISSIONER IS AUTHORIZED  
TO CHARGE ANY DEFICIENCY IN THE  
FEES FOR THIS PAPER TO DEPOSIT  
ACCOUNT NO. 23-0976

Sir:

Pursuant to the provisions of 37 CFR 1.56, 1.97 and 1.98, Applicants request consideration of the references listed on attached form PTO-1449 and any additional information identified below in paragraph 3. A legible copy of each reference listed on the Form PTO-1449 is enclosed, except a copy is not provided for:

- ☒ each U.S. Patent and U.S. Patent application publication;
- ☐ each reference previously cited in the international application PCT/\_\_\_\_\_; and/or
- ☐ each reference previously cited in prior parent application Serial No. \_\_\_\_\_.

1a. ☒ This Information Disclosure Statement is submitted:

within three months of the filing date (or of entry into the National Stage) of the above-entitled application, or

before the mailing of a first Office Action on the merits or the mailing of a first Office Action after the filing of an RCE,

ATTACHMENT D

and thus no certification and/or fee is required.

- 1b. ☐ This Information Disclosure Statement is submitted

after the events of above paragraph 1a and prior to the mailing date of a final Office Action or a Notice of Allowance or an action which otherwise closes prosecution in the application, and thus:

- (1) ☐ the certification of paragraph 2 below is provided, or  
(2) ☐ the fee of \$180.00 specified in 37 CFR 1.17(p) is enclosed.

- 1c. ☐ This Information Disclosure Statement is submitted:

after the mailing date of a final Office Action or Notice of Allowance or action which otherwise closes prosecution in the application, and prior to payment of the issue fee, and thus:

**the certification of paragraph 2 below is provided, and  
the fee of \$180.00 specified in 37 CFR 1.17(p) is enclosed.**

2. It is hereby certified

- a. ☐ that each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the Statement, or
- b. ☐ that no item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to the knowledge of the person signing the certification after making reasonable inquiry, was known to any individual designated in §1.56(c) more than three months prior to the filing of the Statement.
3. ☐ Consideration of the following list of additional information (including any copending or abandoned U.S. application, prior uses and/or sales, etc.) is requested.

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4. For each non-English language reference listed on the attached form PTO-1449, reference is made to:
- a. ☐ a full or partial English language translation submitted herewith,
  - b. ☒ a foreign patent office search report (in the English language) submitted herewith,
  - c. ☒ the concise explanation contained in the specification of the present application at page 5,
  - d. ☒ the concise explanation set forth in the attached English language abstract,
  - e. ☒ the concise explanation set forth below or on a separate sheet attached to the reference:  
US 6,658,133 corresponds to JP 2001-231097  
US 4,607,382 corresponds to JP 59-207798  
US 6,574,346 corresponds to JP 2000-308174
5. ☒ A foreign patent office search report citing one or more of the references is enclosed.

Respectfully submitted,

Toshiyuki MATSUMURA et al.

By 

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September 27, 2006

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FORM PTO 1449 (modified)

ATTY DOCKET NO.  
2006-1653A

SERIAL NO.

IAP5 Rec'd PTO 27 SEP 2006

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICEAPPLICANT  
Toshiyuki MATSUMURA et al.LIST OF REFERENCES CITED BY APPLICANT(S)  
(Use several sheets if necessary)FILING DATE  
September 27, 2006

GROUP

Date Submitted to PTO: September 27, 2006

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
/GM/	AA	6,658,133	12/2003	Usuki et al.			
/GM/	AB	4,607,382	8/1986	Dijkstra et al.			
/GM/	AF	6,574,346	6/2003	Tanaka			
	AC						
	AF						
	AF						
	AG						
	AH						
	AI						

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
/GM/	AJ	2001-231097	8/2001	JP			
/GM/	AK	2002-112387	4/2002	JP			abstract
/GM/	AF	59-207798	11/1984	JP			
/GM/	AM	2003-87892	3/2003	JP			abstract
/GM/	AN	2000-308174	11/2000	JP			
/GM/	AC	61-16696	1/1986	JP			abstract

## OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

	AP	
	AQ	

EXAMINER

/George Monikang/

DATE CONSIDERED

07/16/2008